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PTO/SB/05 (11-00)

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1130 U.S. PTO

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No. 509982001400

First Inventor

Xinhui NIU and Nickhil JAKATDAR

Title

METHOD AND SYSTEM FOR DYNAMIC LEARNING THROUGH A  
REGRESSION-BASED LIBRARY GENERATION PROCESS

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No.

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## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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Chase Trombella

EL530607226US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 41]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 14]
5. ☐ Oath or Declaration [Total Pages \*]  
a. ☐ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☒ Application Data Sheet. See 37 CFR 1.76 - 2 pages

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (where there is an assignee) ☐ Power of Attorney
11. ☐ English Translation document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
Should be specifically itemized - 1 page
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other Fee Determination Record - 1 page

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \*

Prior application information

Examiner \*

Group / Art Unit. \*

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Labelor ☐ Correspondence address below

20872

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Name (Print/Type)

Peter Hsieh

Registration No.

44,780

Signature

Peter Hsieh

Date August 6, 2001

sf-1147708



# FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.

## Complete if Known

|                      |                              |
|----------------------|------------------------------|
| Application Number   | To Be Assigned               |
| Filing Date          | Herewith                     |
| First Named Inventor | Xin NIU and Nickhil JAKATDAR |
| Examiner Name        | To Be Assigned               |
| Group Art Unit       | To Be Assigned               |
| Attorney Docket No.  | 509982001400                 |

TOTAL AMOUNT OF PAYMENT

(\$3,130.00

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **03-1952**  
Deposit Account Name **Morrison & Foerster LLP**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101            | 710             | 201            | 355             | Utility filing fee     | 710      |
| 106            | 320             | 206            | 160             | Design filing fee      |          |
| 107            | 490             | 207            | 245             | Plant filing fee       |          |
| 108            | 710             | 208            | 355             | Reissue filing fee     |          |
| 114            | 150             | 214            | 75              | Provisional filing fee |          |

SUBTOTAL (1) (\$710

### 2. EXTRA CLAIM FEES

|                       |    |          | Extra<br>Claims |   | Fee from<br>below |   | Fee Paid |
|-----------------------|----|----------|-----------------|---|-------------------|---|----------|
| Total Claims          | 70 | - 20** = | 50              | x | 18                | = | \$900    |
| Independent<br>Claims | 22 | - 3** =  | 19              | x | 80                | = | \$1520   |

Multiple Dependent

= \$

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description   |
|----------------|-----------------|----------------|-----------------|---|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                    |
| 102            | 80              | 202            | 40              | Independent claims in excess of 3                         |
| 104            | 270             | 204            | 135             | Multiple dependent claims, if not paid                    |
| 109            | 80              | 209            | 40              | **Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$2420.00

\*\* or number previously paid, if greater; For reissues, see above.

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
|----------------|-----------------|----------------|-----------------|--|----------|
| 105            | 130             | 205            | 65              | Surcharge - late filing fee or oath  |          |
| 127            | 50              | 227            | 25              | Surcharge - late provisional filing fee or cover sheet                       |          |
| 139            | 130             | 139            | 130             | Non-English specification  |          |
| 147            | 2,520           | 147            | 2,520           | For filing a request for <i>ex parte</i> reexamination                       |          |
| 112            | 920*            | 112            | 920*            | Requesting publication of SIR prior to Examiner action                       |          |
| 113            | 1,840*          | 113            | 1,840*          | Requesting publication of SIR after Examiner action                          |          |
| 115            | 110             | 215            | 55              | Extension for reply within first month                                       |          |
| 116            | 390             | 216            | 195             | Extension for reply within second month                                      |          |
| 117            | 890             | 217            | 445             | Extension for reply within third month                                       |          |
| 118            | 1,390           | 218            | 695             | Extension for reply within fourth month                                      |          |
| 128            | 1,890           | 228            | 945             | Extension for reply within fifth month                                       |          |
| 119            | 310             | 219            | 155             | Notice of Appeal   |          |
| 120            | 310             | 220            | 155             | Filing a brief in support of an appeal                                       |          |
| 121            | 270             | 221            | 135             | Request for oral hearing   |          |
| 138            | 1,510           | 138            | 1,510           | Petition to institute a public use proceeding                                |          |
| 140            | 110             | 240            | 55              | Petition to revive - unavoidable   |          |
| 141            | 1,240           | 241            | 620             | Petition to revive - unintentional   |          |
| 142            | 1,240           | 242            | 620             | Utility issue fee (or reissue)   |          |
| 143            | 440             | 243            | 220             | Design issue fee   |          |
| 144            | 600             | 244            | 300             | Plant issue fee  |          |
| 122            | 130             | 122            | 130             | Petitions of the Commissioner  |          |
| 123            | 50              | 123            | 50              | Petitions related to provisional applications                                |          |
| 126            | 180             | 126            | 180             | Submission of Information Disclosure Sheet                                   |          |
| 581            | 40              | 581            | 40              | Recording each patent assignment per properties (times number of properties) |          |
| 146            | 710             | 246            | 355             | Filing a submission after final rejection (37 CFR § 1.129(a))                |          |
| 149            | 710             | 249            | 355             | For each additional invention to be examined (37 CFR § 1.129(b))             |          |
| 179            | 710             | 279            | 355             | Request for Continued Examination (RCE)                                      |          |
| 169            | 900             | 169            | 900             | Request for expedited examination of a design application                    |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$0

## SUBMITTED BY

|                   |   |                                   |                |           |              |
|-------------------|---|-----------------------------------|----------------|-----------|--------------|
| Name (Print/Type) | Peter Hsieh   | Registration No. (Attorney/Agent) | 44,780         | Telephone | 415 268-6108 |
| Signature         |  | Date                              | August 6, 2001 |           |              |

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